



*Cgc*

PATENT  
ATTORNEY DOCKET NO. 00786/351006

Certificate of Mailing: Date of Deposit: April 23, 2007

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attention: Certificate of Correction Branch.

Sarah Wilcox

Printed name of person mailing correspondence

*Sarah Wilcox*

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ruvkun et al.	Confirmation No.:	2040
Serial No.:	09/963,693	Art Unit:	1633
Filed:	September 25, 2001	Examiner:	S. Kaushal
Patent No.:	7,041,437	Customer No.:	21559
Issued:	May 9, 2006		
Title:	THERAPEUTIC AND DIAGNOSTIC TOOLS FOR IMPAIRED GLUCOSE TOLERANCE CONDITIONS		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: Certificate of Correction Branch

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Applicant hereby requests that a Certificate of Correction be issued in the patent identified above. The errors to be corrected are of a minor, typographical nature, occurred in good faith, and are described in detail on the enclosed PTO Form 1050.

**Certificate**  
MAY 01 2007  
**of Correction**

MAY - 2 2007

04/27/2007 RFEKADU1 00000011 7041437

01 FC:1611

100.00 0P

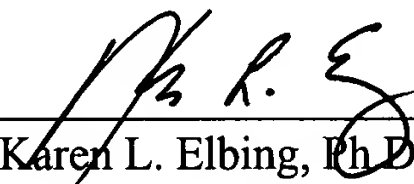
Enclosed is a check for \$100.00 in payment of the fee set forth in 37 C.F.R. §

1.20(a). If there are any other charges or any credits, please apply them to Deposit

Account No. 03-2095.

Respectfully submitted,

Date: 23 April 2007

  
\_\_\_\_\_  
Karen L. Elbing, Ph.D.  
Reg. No. 35,238

Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110  
Telephone: 617-428-0200  
Facsimile: 617-428-7045

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. 7,041,437  
 DATED May 9, 2006  
 INVENTORS Ruvkun et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Cover Sheet, References Cited, in OTHER PUBLICATIONS,

On Page 1, In Myers et al., replace "et al P-TEN, the tumor suppressor from human chromosome 10q23, is a dual-specificity phosphatase." with --et al., "P-TEN, the tumor suppressor...phosphatase.--";

On Page 1, In Maehama et al., replace "et al The tumor suppressor,...3,4,5-trisphosphate." with --et al., "The tumor suppressor,...3,4,5-trisphosphate.--";

On Page 1, In Khan et al., replace "et al. Obesity and insulin resistance." with --et al., "Obesity and insulin resistance.--";

On Page 1, In Lonnqvist et al., replace "et al, Overexpressin of the obese (ob) gene in adipose tisse of obese subjects." with --et al., "Overexpression of the obese (ob) gene in adipose tissue of obese subjects.--";

On Page 1, In Ogg et al., replace "et al, The C. elegans...signaling pathway." with --et al., "The *C. elegans*...signaling pathway.--";

On Page 1, In Fontaine et al., replace "et al Years of life lost due to obesity." with --et al., "Years of life lost due to obesity.--";

On Page 1, In Shulman, replace "Shulman Cellular mechanisms of insulin resistance." with --Shulman, "Cellular mechanisms of insulin resistance.--";

On Page 1, In Hirosumi et al., replace "Hirosumi et al. A central role for JNK in obesity and insulin resistance" with --Hirosumi et al., "A central role for JNK in obesity and insulin resistance.--";

On Page 2, In Dorman et al., replace "*caenorhabditis elegans*" with --*Caenorhabditis elegans*--;

On Page 2, In Ebina et al., replace "the human...transmembrane signalling." with --The human...transmembrane signaling.--;

On Page 2, In Green et al., replace "mulitple" with --multiple--;

MAILING ADDRESS OF SENDER:

Karen Elbing, Ph.D.  
 Clark & Elbing LLP  
 101 Federal Street  
 Boston, MA 02110  
 Customer No.: 21559

PATENT NO. 7,041,437  
 NO. ADDITIONAL COPIES  
 @ 50¢ PER PAGE

REV 1-2 2007

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. 7,041,437  
 DATED May 9, 2006  
 INVENTORS Ruvkun et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Page 2, In Klass, replace "a method for the isolation of longevity mutants" with --A method for the isolation of longevity mutants--;  
 On Page 3, In Li et al., replace "protein protein" with --protein--;  
 On Page 3, In Malone et al., replace "a screen" with --A screen--;  
 On Page 3, In Nagasawa et al., replace "amino-terminal" with --Amino-terminal--;  
 On Page 3, In O'Riordan et al., replace "et a.," with --et al.,--;  
 On Page 3, In Patterson et al., replace "signalling" with --signaling--;  
 On Page 3, In Ren et al., replace "homologl" with --homolog--.

Column 22, Line 16, replace "phermon" with --pheromone--.

Column 25, Line 44, replace "phermon" with --pheromone--.

Column 33, Line 60, replace "of a such a drug" with --of such a drug--.

Column 36,

Line 35, within Table II, replace "trangen" with --transgenic--;  
 Line 51, within Table III, replace "F13B12 trangen" with --F13B12 transgenic--;  
 Line 64, within Table IV, replace "non-trangen" with --non-transgenic--.

Column 37,

Line 7, within Table IV, replace "Control trangen" with --Control transgenic--;  
 Line 20, within Table V, replace "Trangen" with --Transgenic--;  
 Line 46, within Table VI, replace "Control trangen" with --Control transgenic--.

-----  
 MAILING ADDRESS OF SENDER:

Karen Elbing, Ph.D.  
 Clark & Elbing LLP  
 101 Federal Street  
 Boston, MA 02110  
 Customer No.: 21559

PATENT NO. 7,041,437  
 NO. ADDITIONAL COPIES  
 @ 50¢ PER PAGE

**MAY - 2 2007**

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. 7,041,437  
DATED May 9, 2006  
INVENTORS Ruvkun et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 39, Line 62, replace "dafpathway" with --daf pathway--.

Column 40, Line 29, replace "remodelling" with --remodeling--.

Column 42, Line 30, replace "phosphorlyation" with --phosphorylation--.

Column 49, Line 24, replace "downsteam" with --downstream--.

Column 54, Line 34, replace "promiscously" with --promiscuously--.

Column 62, Line 42, replace "candiate" with --candidate--.

Column 66, Line 48, replace "absense" with --absence--.

Column 67, Line 24, replace "Anatagonizes" with --Antagonizes--.

Column 69,  
Line 17, replace "thoughout" with --throughout--;  
Line 48, replace "artefact" with --artifact--.

Column 70, Line 41, replace "fluoresence" with --fluorescence--.

Column 71, Line 40, replace "undetectable" with --undetectable--.

Column 75, Line 19, replace "serotinergetic" with --serotonergic--.

-----  
MAILING ADDRESS OF SENDER:

Karen Elbing, Ph.D.  
Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110  
Customer No.: 21559

PATENT NO. 7,041,437  
NO. ADDITIONAL COPIES  
@ 50¢ PER PAGE

MAY - 2 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. 7,041,437  
DATED May 9, 2006  
INVENTORS Ruvkun et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 77,

Line 9, replace "labelled" with --labeled--;

Line 10, replace "labelled" with --labeled--.

Column 78, Line 18, replace "explemplary" with --exemplary--.

Column 81, Line 46, replace "Oceangraphics" with --Oceanographics--.

Column 82, Line 5, replace "heterogenous" with --heterogeneous--.

Column 85, Line 38, replace "gonists" with --agonists--.

Column 89,

Line 24, replace "methyiscopolamine" with --methyiscopolamine--;

Line 33, replace "allkaloids" with --alkaloids--.

Column 91, Line 44, replace "maintainence" with --maintenance--.

Column 92, Line 55, replace "coa" with --CoA--.

Column 102, Line 60, replace "absense" with --absence--.

Column 104, Line 51, replace "phophorylation" with --phosphorylation--.

-----  
MAILING ADDRESS OF SENDER:

Karen Elbing, Ph.D.  
Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110  
Customer No.: 21559

SUBSTITUTE FORM PTO 1050

PATENT NO. 7,041,437  
NO. ADDITIONAL COPIES  
@ 50¢ PER PAGE

MAY - 2 2007

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. 7,041,437  
DATED May 9, 2006  
INVENTORS Ruvkun et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 109,

Line 44, replace "pedigress" with --pedigrees--.

Line 67, replace "heterozyous" with --heterozygous--.

Column 114, Line 58, replace "Altemtaively" with --Alternatively--.

-----  
MAILING ADDRESS OF SENDER:

Karen Elbing, Ph.D.

Clark & Elbing LLP

101 Federal Street

Boston, MA 02110

Customer No.: 21559

SUBSTITUTE FORM PTO 1050

PATENT NO. 7,041,437  
NO. ADDITIONAL COPIES  
@ 50¢ PER PAGE

MAY 1 - 2 2007